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Dated: August 30, 2006

Signature: _____

(Oliver T. Ong)

Docket No.: 28944/36991
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Elie O. KOSKAS et al.

Application No.: 09/736,683

Confirmation No.: 7938

Filed: December 13, 2000

Art Unit: 2161

For: Methods Of Encoding And Combining
Integer Lists In A Computer System,
And Computer Software Product
For Implementing Such Methods

Examiner: Etienne Pierre Leroux

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

I hereby certify, pursuant to 37 CFR 1.97(e)(1), that each item of information contained in this Information Disclosure Statement was first cited in any communication

from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicants have not submitted copies of U.S. patents and U.S. patent applications. Applicants submit herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

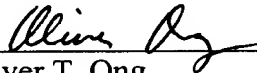
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 28944/36991. A duplicate copy of this paper is enclosed.

Respectfully submitted,

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By:



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August 2, 2006



PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/736,683-Conf. #7938
				Filing Date	December 13, 2000
				First Named Inventor	Elie O. Koskas
				Art Unit	2161
				Examiner Name	Etienne Pierre Leroux
Sheet	1	of	1	Attorney Docket Number	28944/36991

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A*	US-5,706,495	01-06-1998	Chadha et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
	B	WO-WO 98/04980		02-05-1998	Shadmon		√

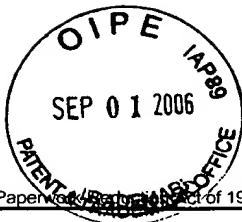
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C	Communication Pursuant To Article 96(2) EPC, corresponding to European Patent Application Serial No. 01 991 894.5 - 1225, dated June 14, 2006, 7 pages.	
	D	Valduriez, P.; "Join Indices," ACM Transactions On Database Systems, ACM, New York, US, Vol. 12, No. 2, June 1987, pp. 218-246.	
	E	Blakeley, J.A. et al., "Join Index, Materialized View, And Hybrid-Hash Join: A Performance Analysis," Proceedings of the International Conference on Data Engineering, Los Angeles, 5. - 9. 2. 1990, IEEE.Com. Soc. Press, U.S., Vol. Conf. 6, pp. 256-263.	
	F	Segev, A., Leon Zhao, Jr., "Efficient Maintenance Of Rule-Derived Data Through Join Pattern Indexing," Proceedings of Conference on Information and Knowledge, 1. -5. 11. 1993, Washington, USA, pp. 194-205.	

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Examiner Signature		Date Considered	
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PTO/SB/92 (09-04)

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Application No. (if known): 09/736,683

Attorney Docket No.: 28944/36991

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IDS (Citation) by Applicant (6 References) (1 page)